

FORM PTO-1449

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT(S)

Atty Docket No.: 29284/594
 Serial No. :
 Applicants : Y. INOUE
 Filed :
 Group Art Unit :
 Examiner :

U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Patent Date	Name	Class/ Subclass	Filing Date
ASL	4,021,784	05/1977	KIMLINGER	395/550	
ASL	4,394,732	7/1983	SWENSON	395/440	
AEC	4,467,414	08/21/84	AKAGI et al.	395/250	
HSC	4,723,223	02/02/88	HANADA	395/846	
PAC	4,792,898	12/20/88	MCCARTHY et al.	395/445	
AEC	4,920,478	04/24/90	FARUYA et al.	395/463	
ASL	4,996,641	02/26/91	TALGAM et al.	395/445	
AGC	5,019,971	05/28/91	LEFSKI et al.	395/250	
ASL	5,073,851	12/17/91	MASTERSON et al.	395/467	
ASL	5,123,099	02/16/92	SHIBATA et al.	395/447	
ASL	5,124,987	06/23/92	MILLIGAN et al.	395/182.05	
ASL	5,133,060	07/21/92	WEBER et al.	395/440	
ASL	5,142,627	8/1992	ELLIOT et al.	395/825	
ASL	5,150,465	09/22/92	BUSH et al.	395/834	
ASL	5,155,845	10/13/92	BEAL et al.	395/182.04	
ASL	5,175,842	12/29/92	TOTANI	395/488	
ASL	5,204,836	04/20/93	REED	371/10.2	
ASL	5,210,843	5/1993	AYERS	395/455	
ASL	5,228,135	07/13/93	IKUMI	395/458	
ASL	5,253,351	10/12/93	YAMAMOTO et al.	395/445	
AEC	5,257,359	10/26/93	BLASCO et al.	395/465	
ASL	5,269,019	12/1993	PETERSON et al.	395/600	
ASL	5,287,480	2/1994	WAHR	395/458	
ASL	5,325,488	06/28/94	CARTEAU et al.	395/275	
ASL	5,459,856	10/17/95	INOUE	395/440	
APC	5,519,831	5/1996	HOLZHAMMER	395/182.2	

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Initial

ASL

1. A Multiport Page-Memory Architecture and a Multiport Disk-Cache System, New Generation Computing 2 (1984) 241-260, Ohmsha, Ltd. and Springer-Verlag.

EXAMINER

DATE CONSIDERED

7/11/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT(S)

Atty Docket No. : 29284/594
 Serial No. :
 Inventors : Yasuo INOUE
 Filed : 9 July 2003
 Group Art Unit : 2182
 Examiner :

U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Patent Date	Name	Class/ Subclass	Filing Date
<u>ASL</u>	4,430,701	02-1984	CHRISTIAN et al.	711/119	
<u>PBC</u>	4,755,928	07-1988	JOHNSON et al.	364/200	
<u>ASL</u>	5,134,563	07-1992	TAYLER et al.	711/143	
<u>ASL</u>	5,274,790	12-1993	SUZUKI	711/133	
<u>AEC</u>	5,325,488	06/28/94	D. CARTEAU	395/275	
<u>ASL</u>	5,530,941	06-1996	WEISSEER et al.	711/151	
<u>FGL</u>	5,689,729	11-1997	INOUE	395/872	
<u>AS</u>					

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class/ Subclass	Translation Yes	Translation No
<u>ASL</u>	63-225848	09/20/88	Japan		ABS.	
<u>ASL</u>	445,479	07/26/95	EPO		X	

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Initial

- ASL 1. Japanese Office Action of April 1, 2003 and partial translation.
-

EXAMINER

DATE CONSIDERED

Anne R7/1/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

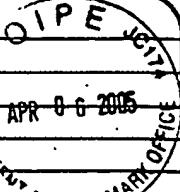
Sheet

1

of

1

Complete if Known



Application Number

10/614,863

Filing Date

July 9, 2003

APR 06 2005

First Named Inventor

Yasuo Inoue

Art Unit

2182

Examiner Name

Alan S. Chen

U.S. PATENT & TRADEMARK OFFICE

Attorney Docket Number

29284/594

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
ASL	1	US-5,526,482	06-11-1996	Stalmo et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ – Number ⁴ – Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
ASL		Japanese language Office Action dated January 4, 2005	

Examiner Signature

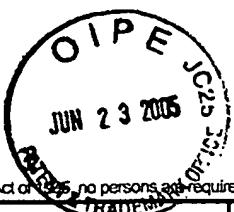
Date Considered

07/05/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PTO/SB/08b(08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

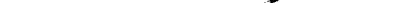
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		<i>TRADEMA</i>		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Application Number</i>	10/614,863
				<i>Filing Date</i>	July 9, 2003
				<i>First Named Inventor</i>	Yasuo INOUE
				<i>Art Unit</i>	2182
				<i>Examiner Name</i>	Alan S. CHEN
<i>(Use as many sheets as necessary)</i>				<i>Attorney Docket Number</i>	29284/594
Sheet	1	of	1		

FOREIGN PATENT DOCUMENTS

NON PATENT LITERATURE DOCUMENTS

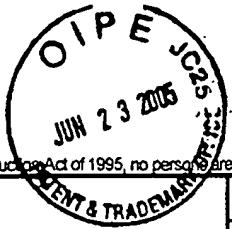
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>ASC</i>		Partial Translation of Japanese Office Action No. 3-322965 dated April 1, 2003 and Japanese Office Action No. 3-322965 dated April 1, 2003	
<i>ASC</i>		A Multiport Page-Memory Architecture and a Multiport Disk-Cache System, New Generation Computing 2 (1984) 241-260, Ohmsha, Ltd. and Springer-Verlag	

Examiner Signature		Date Considered	7/5/05
-----------------------	---	--------------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

of

Complete if Known	
Application Number	10/614,863
Filing Date	July 9, 2003
First Named Inventor	Yasuo INOUE
Art Unit	2182
Examiner Name	Alan CHEN
Attorney Docket Number	29284/594

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-			

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
ASL		English Translation of Japanese Office Action No. 2003-156485, dated March 25, 2005 and Office Action of Japanese Patent Application No. 2003-156485	
ASL		English Translation of Japanese Office Action No. 2003-156486, dated March 25, 2005 and Office Action of Japanese Patent Application No. 2003-156486	
ASL		English Translation of Japanese Office Action No. 2003-189152, dated March 25, 2005 and Office Action of Japanese Patent Application No. 2003-189152	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
ASL		JP-4219815	08-10-1992	Bull Sa		Abstract

Examiner Signature

Date Considered

07/05/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.